Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 2

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use test;

Database changed

MariaDB [test]> show tables;

Empty set (0.00 sec)

MariaDB [test]> select\*from products;

ERROR 1146 (42S02): Table 'test.products' doesn't exist

MariaDB [test]> desc customers;

ERROR 1146 (42S02): Table 'test.customers' doesn't exist

MariaDB [test]> CREATE TABLE Products ( Code INTEGER(3), Name VARCHAR(255) NOT NULL , Price DECIMAL NOT NULL , Manufacturer INTEGER(3), PRIMARY KEY (Code), FOREIGN KEY (Manufacturer) REFERENCES manu(Code) );

ERROR 1005 (HY000): Can't create table `test`.`products` (errno: 150 "Foreign key constraint is incorrectly formed")

MariaDB [test]> Create table Products(

-> Code INTEGER (3),

-> NAME VARCHAR(255);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '' at line 3

MariaDB [test]> Create table manu(Code integer(3) primary key,Name varchar(50) not null);

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> INSERT INTO manu(Code,Name) VALUES(1,'Sony');INSERT INTO manu(Code,Name) VALUES(2,'Creative Labs');INSERT INTO manu(Code,Name) VALUES(3,'Hewlett-Packard');INSERT INTO manu(Code,Name) VALUES(4,'Iomega');INSERT INTO manu(Code,Name) VALUES(5,'Fujitsu');INSERT INTO manu(Code,Name) VALUES(6,'Winchester');INSERT INTO manu VALUES(7,'moxDroid Labs Inc');insert into manu values(8,"Dell");insert into manu values(20,"BEll Labs");

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

MariaDB [test]> CREATE TABLE Products ( Code INTEGER(3), Name VARCHAR(255) NOT NULL , Price DECIMAL NOT NULL , Manufacturer INTEGER(3), PRIMARY KEY (Code), FOREIGN KEY (Manufacturer) REFERENCES manu(Code) );

Query OK, 0 rows affected (0.05 sec)

MariaDB [test]> INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(1,'Hard drive',240,5);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(2,'Memory',120,6);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(3,'ZIP drive',150,4);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(4,'Floppy disk',5,6);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(5,'Monitor',240,1);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(6,'DVD drive',180,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(7,'CD drive',90,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(8,'Printer',270,3);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(9,'Toner cartridge',66,3);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(10,'DVD burner',180,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(11,'Printer',40.00,7);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(12,'Toner cartridge',54.00,7);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(13,'DVD burner',78.00,7);

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

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Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

MariaDB [test]> SELECT \* FROM PRODUCTS;

+------+-----------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+-----------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

+------+-----------------+-------+--------------+

13 rows in set (0.00 sec)

MariaDB [test]> CREATE VIEW d10\_v1 as select \* from products;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v1;

+------+-----------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+-----------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

+------+-----------------+-------+--------------+

13 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v1 as select name, price from products;

ERROR 1050 (42S01): Table 'd10\_v1' already exists

MariaDB [test]> create view d10\_v2 as select name,price from products;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> select \* from d10\_v2;

+-----------------+-------+

| name | price |

+-----------------+-------+

| Hard drive | 240 |

| Memory | 120 |

| ZIP drive | 150 |

| Floppy disk | 5 |

| Monitor | 240 |

| DVD drive | 180 |

| CD drive | 90 |

| Printer | 270 |

| Toner cartridge | 66 |

| DVD burner | 180 |

| Printer | 40 |

| Toner cartridge | 54 |

| DVD burner | 78 |

+-----------------+-------+

13 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v3 as select \* from products where name ="hard drive";

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v3;

+------+------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

+------+------------+-------+--------------+

1 row in set (0.00 sec)

MariaDB [test]> select \* from products where name="DVD burner" and price= 240;

Empty set (0.00 sec)

MariaDB [test]> select \* from products where name="DVD burner" or price= 240;

+------+------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 5 | Monitor | 240 | 1 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

+------+------------+-------+--------------+

4 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v4 as select \* from products where name="DVD burner" or price= 240;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> select \* from d10\_v4;

+------+------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 5 | Monitor | 240 | 1 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

+------+------------+-------+--------------+

4 rows in set (0.00 sec)

MariaDB [test]> select name,count(\*) as "total quantity" from products group by name;

+-----------------+----------------+

| name | total quantity |

+-----------------+----------------+

| CD drive | 1 |

| DVD burner | 2 |

| DVD drive | 1 |

| Floppy disk | 1 |

| Hard drive | 1 |

| Memory | 1 |

| Monitor | 1 |

| Printer | 2 |

| Toner cartridge | 2 |

| ZIP drive | 1 |

+-----------------+----------------+

10 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v5 as select name,count(\*) as "total quantity" from products group by name;

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> select \* from d10\_v5;

+-----------------+----------------+

| name | total quantity |

+-----------------+----------------+

| CD drive | 1 |

| DVD burner | 2 |

| DVD drive | 1 |

| Floppy disk | 1 |

| Hard drive | 1 |

| Memory | 1 |

| Monitor | 1 |

| Printer | 2 |

| Toner cartridge | 2 |

| ZIP drive | 1 |

+-----------------+----------------+

10 rows in set (0.00 sec)

MariaDB [test]> select name,count(\*) as "total quantity" from products order by name desc;

+------------+----------------+

| name | total quantity |

+------------+----------------+

| Hard drive | 13 |

+------------+----------------+

1 row in set (0.00 sec)

MariaDB [test]> create view d10\_v6 as select name,count(\*) as "total quantity" from products order by name desc;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v6;

+------------+----------------+

| name | total quantity |

+------------+----------------+

| Hard drive | 13 |

+------------+----------------+

1 row in set (0.00 sec)

MariaDB [test]> create view d10\_v6 as select name,count(\*) as "total quantity" from products group by name order by name desc;

ERROR 1050 (42S01): Table 'd10\_v6' already exists

MariaDB [test]> create view d10\_v7 as select name,count(\*) as "total quantity" from products order by name desc;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v7;

+------------+----------------+

| name | total quantity |

+------------+----------------+

| Hard drive | 13 |

+------------+----------------+

1 row in set (0.00 sec)

MariaDB [test]> create view d10\_v8 as select name,count(\*) as "total quantity" from products group by name order by name desc;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v8;

+-----------------+----------------+

| name | total quantity |

+-----------------+----------------+

| ZIP drive | 1 |

| Toner cartridge | 2 |

| Printer | 2 |

| Monitor | 1 |

| Memory | 1 |

| Hard drive | 1 |

| Floppy disk | 1 |

| DVD drive | 1 |

| DVD burner | 2 |

| CD drive | 1 |

+-----------------+----------------+

10 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v9 as select \* from products where price between 100 and 200;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> select \* from d10\_v9;

+------+------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+------------+-------+--------------+

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 6 | DVD drive | 180 | 2 |

| 10 | DVD burner | 180 | 2 |

+------+------------+-------+--------------+

4 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_v2 where name="Memory";

+--------+-------+

| name | price |

+--------+-------+

| Memory | 120 |

+--------+-------+

1 row in set (0.00 sec)

MariaDB [test]> select \* from d10\_v3 where price=240;

+------+------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

+------+------------+-------+--------------+

1 row in set (0.00 sec)

MariaDB [test]> select \* from d10\_v3 name="memory" or price =180;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '="memory" or price =180' at line 1

MariaDB [test]> select \* from d10\_v3 name="memory" and price =180;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '="memory" and price =180' at line 1

MariaDB [test]> select \* from d10\_v3 where name="memory" or price =180;

Empty set (0.00 sec)

MariaDB [test]> select \* from d10\_v2 name="memory" or price =180;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '="memory" or price =180' at line 1

MariaDB [test]> select \* from d10\_v2 where name="memory" or price =180;

+------------+-------+

| name | price |

+------------+-------+

| Memory | 120 |

| DVD drive | 180 |

| DVD burner | 180 |

+------------+-------+

3 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_v2 where name="\_o%";

Empty set (0.00 sec)

MariaDB [test]> select \* from d10\_v2 where name like "\_o%";

+-----------------+-------+

| name | price |

+-----------------+-------+

| Monitor | 240 |

| Toner cartridge | 66 |

| Toner cartridge | 54 |

+-----------------+-------+

3 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_v2 max\_price;

+-----------------+-------+

| name | price |

+-----------------+-------+

| Hard drive | 240 |

| Memory | 120 |

| ZIP drive | 150 |

| Floppy disk | 5 |

| Monitor | 240 |

| DVD drive | 180 |

| CD drive | 90 |

| Printer | 270 |

| Toner cartridge | 66 |

| DVD burner | 180 |

| Printer | 40 |

| Toner cartridge | 54 |

| DVD burner | 78 |

+-----------------+-------+

13 rows in set (0.00 sec)

MariaDB [test]> select max(price) from d10\_v2;

+------------+

| max(price) |

+------------+

| 270 |

+------------+

1 row in set (0.00 sec)

MariaDB [test]> select max(price) \* from d10\_v2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from d10\_v2' at line 1

MariaDB [test]> select name,max(price) \* from d10\_v2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from d10\_v2' at line 1

MariaDB [test]> select name,max(price) from d10\_v2;

+------------+------------+

| name | max(price) |

+------------+------------+

| Hard drive | 270 |

+------------+------------+

1 row in set (0.00 sec)

MariaDB [test]> desc products;

+--------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+---------------+------+-----+---------+-------+

| Code | int(3) | NO | PRI | NULL | |

| Name | varchar(255) | NO | | NULL | |

| Price | decimal(10,0) | NO | | NULL | |

| Manufacturer | int(3) | YES | MUL | NULL | |

+--------------+---------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

MariaDB [test]> desc manu;

+-------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+-------------+------+-----+---------+-------+

| Code | int(3) | NO | PRI | NULL | |

| Name | varchar(50) | NO | | NULL | |

+-------+-------------+------+-----+---------+-------+

2 rows in set (0.01 sec)

MariaDB [test]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> INNER JOIN PRODUCTS

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-------------+-------------------+

| CODE | NAME | NAME |

+------+-------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

+------+-------------+-------------------+

8 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v10 as SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> INNER JOIN PRODUCTS

-> ON PRODUCTS.CODE = MANU.CODE;

ERROR 1060 (42S21): Duplicate column name 'NAME'

MariaDB [test]> create view d10\_v10 select products.code, products.name "product", manu.name "manufecturer" from manu inner join on products.code = manu.code;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'select products.code, products.name "product", manu.name "manufecturer" from m' at line 1

MariaDB [test]> create view d10\_v10 as select products.code, products.name "product", manu.name "manufecturer" from manu inner join on products.code = manu.code;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'on products.code = manu.code' at line 1

MariaDB [test]> create view d10\_v10 select products.code, products.name "product", manu.name "manufecturer" from manu inner join products on products.code = manu.code;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'select products.code, products.name "product", manu.name "manufecturer" from m' at line 1

MariaDB [test]> create view d10\_v10 as select products.code, products.name "product", manu.name "manufecturer" from manu inner join products on products.code = manu.code;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v10;

+------+-------------+-------------------+

| code | product | manufecturer |

+------+-------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

+------+-------------+-------------------+

8 rows in set (0.00 sec)

MariaDB [test]> SELECT COUNT(\*),manufacturer

-> FROM products as p

-> INNER JOIN manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

+----------+--------------+

| COUNT(\*) | manufacturer |

+----------+--------------+

| 1 | 1 |

| 3 | 2 |

| 2 | 3 |

| 1 | 4 |

| 1 | 5 |

| 2 | 6 |

| 3 | 7 |

+----------+--------------+

7 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v11 SELECT COUNT(\*),manufacturer

-> FROM products as p

-> INNER JOIN manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'SELECT COUNT(\*),manufacturer

FROM products as p

INNER JOIN manu m

ON m.code=p.ma' at line 1

MariaDB [test]> create view d10\_v11 as SELECT COUNT(\*),manufacturer

-> FROM products as p

-> INNER JOIN manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v11;

+----------+--------------+

| COUNT(\*) | manufacturer |

+----------+--------------+

| 1 | 1 |

| 3 | 2 |

| 2 | 3 |

| 1 | 4 |

| 1 | 5 |

| 2 | 6 |

| 3 | 7 |

+----------+--------------+

7 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v12 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v11;

+----------+--------------+

| COUNT(\*) | manufacturer |

+----------+--------------+

| 1 | 1 |

| 3 | 2 |

| 2 | 3 |

| 1 | 4 |

| 1 | 5 |

| 2 | 6 |

| 3 | 7 |

+----------+--------------+

7 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v12 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer < 4;

ERROR 1050 (42S01): Table 'd10\_v12' already exists

MariaDB [test]> create view d10\_v13 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer < 4;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v13;

+----------+--------------+-----------------+

| COUNT(\*) | manufacturer | name |

+----------+--------------+-----------------+

| 1 | 1 | Sony |

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

+----------+--------------+-----------------+

3 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v14 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having count(manufacturer)

-> > 2;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v14;

+----------+--------------+-------------------+

| COUNT(\*) | manufacturer | name |

+----------+--------------+-------------------+

| 3 | 2 | Creative Labs |

| 3 | 7 | moxDroid Labs Inc |

+----------+--------------+-------------------+

2 rows in set (0.00 sec)

MariaDB [test]> SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having count(\*) = 2;

+----------+--------------+-----------------+

| COUNT(\*) | manufacturer | name |

+----------+--------------+-----------------+

| 2 | 3 | Hewlett-Packard |

| 2 | 6 | Winchester |

+----------+--------------+-----------------+

2 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v15 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having count(\*) = 2;

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> create view d10\_v16 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer in

-> (2,3);

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> create view d10\_v17 as SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

ERROR 1060 (42S21): Duplicate column name 'NAME'

MariaDB [test]> create view d10\_v17 as select products.code, products.name "products", manu.name "manufecturer" from products left join manu on products.code = manu.code;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> create view d10\_v18 as SELECT P1.CODE, P1.NAME, P2.NAME

-> FROM Products P1, Products P2

-> WHERE P1.CODE <> P2.CODE;

ERROR 1060 (42S21): Duplicate column name 'NAME'

MariaDB [test]>